

| FORM PTO-1449<br><b>INFORMATION DISCLOSURE STATEMENT</b>   |     | ATTY. DOCKET NO.<br>1875.2590001<br>FIRST NAMED INVENTOR<br>Akira ITO<br>FILING DATE<br>Herewith on February 9, 2004 |  | APPLICATION NO.<br>To Be Assigned <b>10/773263</b><br>ART UNIT<br>To Be Assigned <b>2813</b> |       |           |             |
|--|-----|--|--|--|-------|-----------|-------------|
| <b>U.S. PATENT DOCUMENTS</b>   |     |  |  |  |       |           |             |
| EXAMINER INITIAL   |     | DOCUMENT NUMBER  | DATE   | NAME   | CLASS | SUB-CLASS | FILING DATE |
| <i>QMB</i>   | AA1 | 5,306,656  | 04/26/1994   | Williams et al.  |       |           |             |
| <i>QMB</i>   | AB1 | 5,774,011  | 06/30/1998   | Au et al.  |       |           |             |
| <i>QMB</i>   | AC1 | 6,525,955  | 02/25/2003   | Smith et al.   |       |           |             |
| <i>QMB</i>   | AD1 | 20020074616  | 06/20/2002   | Chen et al.  |       |           |             |
| <i>QMB</i>   | AE1 | 20030123314  | 07/03/2003   | Buer et al.  |       |           |             |
| <i>QMB</i>   | AF1 | 20030128576  | 07/10/2003   | Smith et al.   |       |           |             |
| <i>QMB</i>   | AG1 | 20010050407 A1   | 12/2001  | Gelsomini et al.   |       |           |             |
| <i>QMB</i>   | AH1 | 6,388,305 B1   | 05/2002  | Bertin et al.  |       |           |             |
| <i>QMB</i>   | AI1 | 5,163,180  | 11/1992  | Eloukhy et al.   |       |           |             |
| <i>QMB</i>   | AJ1 | 6,515,931  | 02/2003  | Marr et al.  |       |           |             |
| <i>QMB</i>   | AK1 | 6,326,651  | 12/2001  | Manabe, Yoshio   |       |           |             |
| <b>FOREIGN PATENT DOCUMENTS</b>  |     |  |  |  |       |           |             |
| EXAMINER INITIAL   |     | DOCUMENT NUMBER  | DATE   | COUNTRY  | CLASS | SUB-CLASS | TRANSLATION |
| <i>QMB</i>   | AL1 | 0 495 317 A1   | 07/1992  | EP   |       |           | Yes<br>No   |
|  | AM1 |  |  |  |       |           | Yes<br>No   |
|  | AN1 |  |  |  |       |           | Yes<br>No   |
|  | AO1 |  |  |  |       |           | Yes<br>No   |
|  | AP1 |  |  |  |       |           | Yes<br>No   |
| <b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>  |     |  |  |  |       |           |             |
| <i>QMB</i>   | AR  | 1  | Copy of European Search Report from EP Appl. No. 03016223.4, 4 pages (dated November 20, 2003).  |  |       |           |             |
| <i>QMB</i>   | AS  | 1  | B. Kaczer et al., "Consistent Model for Short-Channel nMOSFET Post-Hard-Breakdown Characteristics," 2001 Symposium on VLSI Technology Digest of Technical Papers, pp. 121-122, 2001. |  |       |           |             |
| <i>QMB</i>   | AT  | 1  | R. Degraeve et al., "Relation Between Breakdown Mode and Location in Short-Channel nMOSFETs and its impact on Reliability Specifications," IEEE, 7 pages 2001.                       |  |       |           |             |
| EXAMINER <i>George M. [Signature]</i>  |     |  |  | DATE CONSIDERED <i>6/24/04</i>   |       |           |             |
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| FORM PTO-1449<br><br><b>INFORMATION DISCLOSURE STATEMENT</b> | ATTY. DOCKET NO.<br>1875.2590001            |  | Page 2 of 2  |  |
|  | FIRST NAMED INVENTOR<br>Akira ITO           |  | APPLICATION NO.<br>To Be Assigned <b>10/773263</b> |  |
|  | FILING DATE<br>Herewith on February 9, 2004 |  | ART UNIT<br>To Be Assigned <b>2813</b>             |  |
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| U.S. PATENT DOCUMENTS |       |                 |         |                   |       |           |             |
|-----------------------|-------|-----------------|---------|-------------------|-------|-----------|-------------|
| EXAMINER INITIAL      | CLASS | DOCUMENT NUMBER | DATE    | NAME              | CLASS | SUB-CLASS | FILING DATE |
| <i>QMB</i>            | AA2   | 6,266,269       | 07/2001 | Karp et al.       |       |           |             |
| <i>QMB</i>            | AB2   | 6,545,928       | 04/2003 | Ooishi et al.     |       |           |             |
| <i>QMB</i>            | AC2   | 6,518,614       | 02/2003 | Breitwisch et al. |       |           |             |
| <i>QMB</i>            | AD2   | 5,948,575       | 08/1999 | Yamaoka et al.    |       |           |             |
|                       | AE2   |                 |         |                   |       |           |             |
|                       | AF2   |                 |         |                   |       |           |             |
|                       | AG2   |                 |         |                   |       |           |             |
|                       | AH2   |                 |         |                   |       |           |             |
|                       | AI2   |                 |         |                   |       |           |             |
|                       | AJ2   |                 |         |                   |       |           |             |
|                       | AK2   |                 |         |                   |       |           |             |

| FOREIGN PATENT DOCUMENTS |     |                    |      |         |       |           |             |
|--------------------------|-----|--------------------|------|---------|-------|-----------|-------------|
| EXAMINER<br>INITIAL      |     | DOCUMENT<br>NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
| /                        | AL2 | /                  |      | /       |       | /         | Yes         |
|                          |     |                    |      |         |       |           | No          |
|                          | AM2 |                    |      |         |       |           | Yes         |
|                          |     |                    |      |         |       |           | No          |
|                          | AN2 |                    |      |         |       |           | Yes         |
| /                        | AO2 | /                  |      | /       |       | /         | N           |
|                          |     |                    |      |         |       |           | Y s         |
|                          |     |                    |      |         |       |           | No          |
|                          |     |                    |      |         |       |           | Yes         |
|                          | AP2 |                    |      |         |       |           | N           |

| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) |    |   |   |
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|  | AT | 2 |   |

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